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AMENDMENTS TO THE CLAIMS:

Claim 1. (Currently Amended) A high thermally conductive and high strength molding composition having a thermal conductivity of at least 4 W/m°K and a tensile strength of at least 15 ksi and being net-shape moldable, comprising:

a polymer base matrix of, by volume, between approximately 30 and 70 percent;

a first filler of high modulus PITCH-based carbon material, by volume, between approximately 15 and 47 percent; said first filler having an aspect ratio of at least 10:1;

a second filler of ~~PAN~~ polyacrylonitrile-based carbon material, by volume, between approximately 10 and 35 percent, said second filler having an aspect ratio of at least 10:1; and

a third filler of thermally conductive material, by volume, between 1 and 10 percent, said third filler having an aspect ratio of less than 5:1.

Claim 2. (Canceled)

Claim 3. (Original) The molding composition of Claim 1, wherein said polymer base matrix is a polycarbonate material.

Claim 4. (Original) The molding composition of Claim 1, wherein said polymer base matrix is a liquid crystal polymer material.

Claim 5. (Original) The molding composition of Claim 1, wherein said first filler is of a fiber configuration.

Claim 6. (Original) The molding composition of Claim 1, wherein said second filler is of a fiber configuration.

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Claim 7. (Original) The molding composition of Claim 1, wherein said first filler is of a flake configuration.

Claim 8. (Original) The molding composition of Claim 1, wherein said second filler is of a flake configuration.

Claim 9. (Currently Amended) The molding composition of Claim 1, wherein said ~~second~~ third filler is spheroid in shape.

Claim 10. (Original) The molding composition of Claim 1, wherein said third filler is of a grain configuration.

Claim 11. (Original) The molding composition of Claim 1, wherein said third filler is selected from the group consisting of boron nitride, aluminum, alumina, copper, magnesium and brass.